

Amended Claims:

1. (Canceled)
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16. (Canceled)
17. (Canceled)
18. (Currently amended) A system comprising.

a track segmentor for segmenting a track by splitting said track into track elements cut from said track each of said track elements containing time portion of said track;

a track database comprising a plurality of track elements generated by said track segmentor; and

a segment player that sequentially plays a plurality of track elements one element at a time consecutively with no gaps and no overlaps to create a track from said plurality of track elements during play of said plurality track elements.

19. (Currently amended) The system of claim 18 allowing to dynamically change order of played track elements during play of said plurality track elements.
20. (Previously presented) The system of claim 18 wherein said track database comprises at least one sequence of a plurality of track elements.
21. (Previously presented) The system of claim 20 comprising means for loading said segment mixer with a sequence of said at least one sequence of a plurality of track elements.
22. (Previously presented) The track elements of claim 18 wherein at least one of said track elements begins at the start of a beat, lasts a full number of beats and ends before the start of a next beat, whereby said track elements form building blocks enabling the creation of a track.
23. (Currently amended) A method for consecutively playing track segments one immediately following the other during play comprising:
 - playing track segment according to preset instructions;
 - checking preset instructions for next track segment to play immediately following current playing track segment during play of said playing track segment;
 - modifying preset instructions for a track segment during play of said playing track segment;

changing track segment play order dynamically according to modified instructions during play of said playing track segment.

24. (Previously presented) The method of claim 23 wherein said consecutively playing track segments are played one after the other with no gaps and no overlaps.
25. (Previously presented) The method of claim 23 wherein an initial play order of said track segments is taken from a track database.
26. (Previously presented) The method of claim 23 comprising means for playing track segments at the same BPM rate.
27. (Previously presented) The track segments of claim 23, wherein at least one of said track segments begins at the start of a start of beat, lasts a full number of beats and ends before the start of a next beat, whereby said track segments form building blocks enabling the creation of a track.
28. (Previously presented) The track segments of claim 27, wherein each said segment is marked by a number denoting the number of beats it contains, whereby said track segments form building blocks enabling the creation of a track and the beat mixing of track segments.
29. (Currently amended) A method for representing a track, comprising:

a plurality of track segments each consisting of a segment split from said represented track each containing time portion of said represented track;

a default order of said track segments to be played consecutively one immediately following the other;

whereby said track segments form building blocks enabling the creation of a track by placing said track segments in various orders consecutively and said default order of said track segments forms a default track.

30. (Previously presented) The track segments of claim 29 wherein at least one of said track segments begins at the start of beat, lasts a full number of beats and ends before the start of a next beat, whereby said track segments form building blocks enabling the creation of a track.

31. (Previously presented) The track segments of claim 30, wherein each said track segments is marked by a number denoting the number of beats it contains, whereby said track segments form building blocks enabling the creation of a track and the beat mixing of track segments.

32. (Previously presented) The track segments of claim 29 wherein said track segments are stored in a track database stored on a separate media than said represented track.

33. (Previously presented) The track segments of claim 29 wherein said track segments are stored in a track database stored on the same media of said represented track.

34. (Currently amended) A system comprising:

a track database comprising data of a plurality of track segments;

a master segment player to sequentially play a plurality of track segments one segment at a time to create a master track from said data during play allowing to dynamically change order of played track segments during play of said plurality track segments;

at least one slave segment player each to sequentially play a plurality of track segments one segment at a time to create a slave track from said data during play allowing to dynamically change order of played track segments during play of said plurality track segments; and

a coupling means to combine said master track and said at least one slave track during play of said master track and said at least one slave track.

35. (Previously presented) The system of claim 34 wherein at least one track segment played by said at least one slave segment mixer has a different BPM rate to a track segment simultaneously played by said master segment mixer.
36. (Previously presented) The system of claim 35, wherein at least one said slave segment mixer plays at least two track segments having different BPM rates.
37. (Previously presented) The system of claim 35, wherein said slave segment mixer initiates playing in accordance to closest beat start of said master segment mixer automatically following a start of play request during play of said master segment mixer.
38. (Previously presented) The system of claim 35, wherein said master segment mixer beat information is exported to at least one external device.
39. (Currently amended) The external device of Claim 38, wherein said external device is Video equipment (VJ) whereby the video projected synchronizes with the music beat.
40. (Currently amended) The external device of Claim 38, wherein said external device is Lighting equipment whereby the lighting effects synchronizes with the music beat.